

===== WPI =====

TI - Female material of face-fastener - comprises nonwoven fabric of long fibre having given number and depth of crimps

AB - JP6033359 A female material (M) (loop) of face-fastener comprises (B) nonwoven fabric of a long fibre having crimps of depth of 0.2-3mm in an amt. of 2-40 crimps per 1 cm. (M) female material comprises (A) a sheet, onto one side surface of which (B) nonwoven fabric is laminated. Ratio of weights of (B)/(A) is pref. 5.0-1.

- Prepn. of (M) female material comprises e.g. forming (W) a card-web of conjugated fibre of sheath-component of a polyester copolymer, pref. PET modified with 45 mol% of isophthalic acid, and core-component of a high m.pt. polyester pref. PET. (W) having dry-hot shrinkage of pref. 60 % at 140 deg. C, laminating a spun-bond nonwoven fabric of polypropylene, needle-punching, and heat-treating to give crimps of depth of 0.2-3 mm in an amt. of 2-40 crimps per 1 cm on surface of the spun-bond.

- USE/ADVANTAGE - A female material of face-fastener having a superior fastening character can be produced in a low cost.

- (Dwg. C/C)

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PR - JP19920212029 19920715

PA - (KURS) KURARAY CO LTD

MC - A12-C03 A12-SC5G F02-C01 F03-D03 F04-C04

DC - A23 A94 F04 P23 P73

IC - A44B18/00 ;B32B5/02 ;D04H3/00

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===== PAJ =====

TI - FEMALE MEMBER OF HOOK-AND-LOOP FASTENER

AB - PURPOSE: To provide a low-price female member of a hook-and-loop fastener excellent in engagement properties.

- CONSTITUTION: From a composite fiber composed of a copolyester as the sheath component and a high-melting polyester as the core component, card webs exhibiting 60% dry heat shrinkage factor at 140 deg.C are made. Spunbonded nonwoven fabric made of polypropylene is laminated to the resultant webs and needle punching treatment is applied thereto. Heat treatment is subsequently applied thereto, thus producing the objective female member of a hook-and-loop fastener, containing wrinkles of 0.2 to 3mm depth in an amount of 2 to 40 per 1cm on the spunbonded nonwoven fabric surface.

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PA - KURARAY CO LTD

IN - MATSUMOTO SHOJI; others: 01

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